

Converting Colors

Decimal(7746327)

Have a look what the booklet for
Decimal(7746327) contains.

Decimal(7746327)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(7746327)

Conversions

Conversions Part 1

Format	Color
Hex	763317
RGB	118, 51, 23
RGB Percent	46%, 20%, 9%
CMY	0.5373, 0.8000, 0.9098
CMYK	0.00, 0.57, 0.81, 0.54
HSL	18°, 67%, 28%
HSV	18°, 81%, 46%
XYZ	8.8097, 6.2811, 1.5587
YIQ	67.8410, 48.9200, 5.4960

Conversions

Conversions Part 2

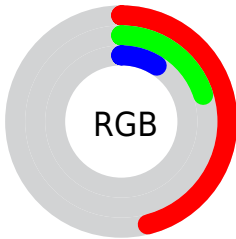
Format	Color
R_{YB}	118, 63, 23
Decimal	7746327
CIE Lab	30.11, 27.53, 30.94
CIE LCh	30, 41.412, 48.342
Yxy	6.2811, 0.5291, 0.3773
Android (android.graphics.Color)	4285936407 (0xFF763317)
YUV	67.8410, -22.1066, 43.9894
Hunter-Lab	25.0621, 18.8869, 13.8561

Details

The Decimal color **7746327** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1530486**, and the grayscale version is **4473924**.

A 20% lighter version of the original color is **11494212**, and **4129792** is the 20% darker color. If you saturate the color by 10%, you get **7744267**, and if you desaturate by 10%, it is **7748387**.

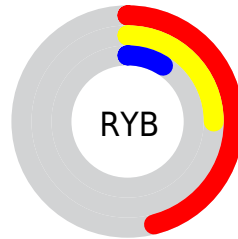
Distribution



 Red (46%)

 Green (20%)

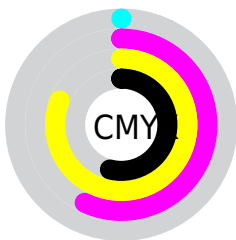
 Blue (9%)



 Red (46%)

 Yellow (25%)

 Blue (9%)

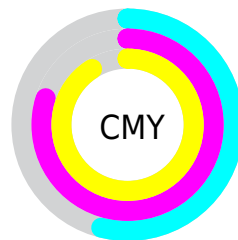


 Cyan (0%)

 Magenta (57%)

 Yellow (81%)

 Black (54%)



 Cyan (54%)

 Magenta (80%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7746327 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 7746327 by changing the saturation by 10% instead.

 7746327

 7746327

16777213

 5970944

 11494212

 4129792

 13401436

 2686977

 15374197

 0

 16757391

 16764585

 16771781

 16777185

 7746327

 7746327

■ 7744267

■ 7748387

■ 7742208

■ 7750703

■ 7752762

■ 7754822

■ 7757138

■ 7759198

■ 7761258

■ 7763573

■ 7765633

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8398645



7746327



6373632

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



7746327



21817



2835588

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



7746327



1530486

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



20102



7746327



22106

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



7746327



1724952



21623



6370674

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



7746327



5130240



21623



18567

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



7746327



10059636



7739227



5061942



13421772



5066061

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



7746327



10039301



7758103



3880757



8004608



16402944

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



1530486



355737



1518710



3488059



22138



45306

Previews

White Background



This preview shows how the Decimal color 7746327 looks on a white background.

Color Contrast Check

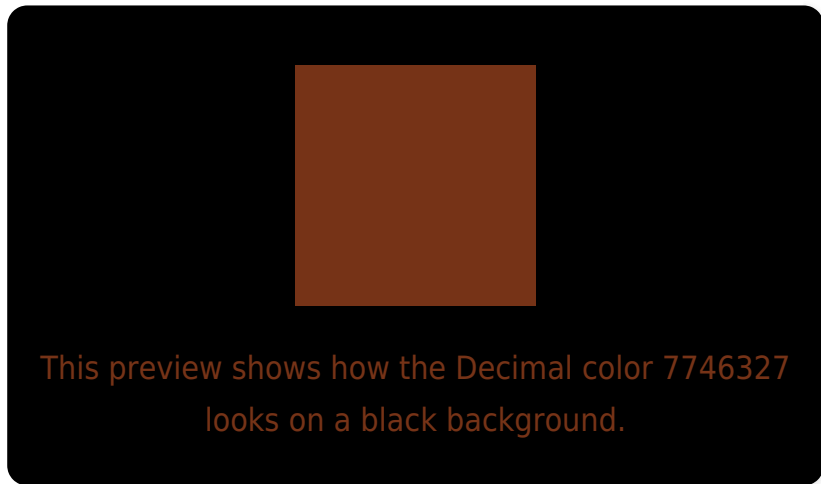
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

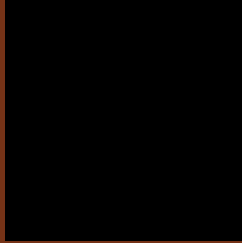
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 7746327 Background



This preview shows how black text looks on a background with the Decimal color 7746327.



This preview shows how white text looks on a background with the Decimal color 7746327.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
7746327

Protanopia
5261341

Deuteranopia
5915665

Trichromacy



Original Color
7746327

Protanomaly
6176795

Deuteranomaly
6569491

Tritanomaly
7811369

Monochromacy



Original Color
7746327

Achromatopsia
4473924

Achromatomaly
5652020

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7746327 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #763317 looks like.

```
.text, #text, p{  
    color:#763317  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #763317 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #763317
}
```

Border

The CSS property to change the border of an element to Decimal 7746327 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#763317 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#763317 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #763317 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #763317; -webkit-box-shadow:4px 4px  
4px 4px #763317; box-shadow:4px 4px 4px  
4px #763317 }
```

Background

The CSS property to change the background color of an element to Decimal 7746327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#763317 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#763317 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor